IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

OGAWA et al	Group Art Unit: Not yet assigned
Serial No.: New Application	Examiner: Not yet assigned
Filed: November 28, 2001	Attorney Dkt. No.: 108273-00005

For: SPREADSHEET WEB SERVER SYSTEM AND SPREADSHEET WEB SYSTEM

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231   November 28, 2001

Sir:

Prior to calculation of the filing fees and initial examination of the application, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 3, 4, 6-8, 10 and 12 as follows. A copy of the marked up original claims is attached to this response showing the changes as set forth in amended 37 CFR 1.121.

3. (Amended) The spreadsheet Web server system according to claim 1, wherein when receiving a request for generation, modification, or deletion of cell data from the client means the spreadsheet assisting means judges whether the primary key value that was sent to the client means coincides with the primary key value that has been received from the client means, and wherein the spreadsheet assisting means causes the database means to generate, modify, or delete a record designated by the primary key

value according to the request from the client means if they coincide with each other, and does not cause the database means to generate, modify, or delete the record if they do not coincide with each other.

4. (Amended) The spreadsheet Web server system according to claim 1, wherein the cell data group of each of the tables held by the database means has cell data ,as parent data, displayed in at least one cell of a corresponding table frame , and has the parent data only, or the parent data and at least one child data that is linked to the parent data.

6. (Amended) The spreadsheet Web server system according to claim 1, wherein the database means can combine a plurality of tables having the same column item at different column positions.

7. (Amended) The spreadsheet Web server system according to claim 1, wherein the spreadsheet assisting means has a sequence of commands for processing a request from the client means, the commands being executed sequentially.

8. (Amended) The spreadsheet Web server system according to claim 1, wherein the spreadsheet assisting means has objects for processing a request from the client means, and wherein a request from the client means is processed by one object or processed by a plurality of objects in such a manner that a transition is made from one object to another.

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10. (Amended) The spreadsheet Web server system according to claim 8, wherein the objects are provided for the respective table frames.
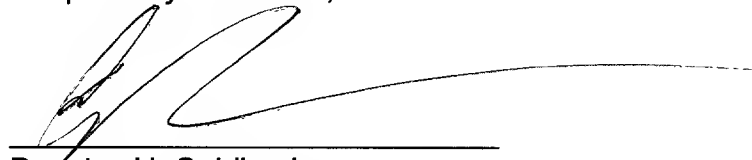
12. (Amended) A spreadsheet Web system comprising:

the spreadsheet Web server system according to claim 1; and

client means that performs data communication with the Web server means over the Internet or the intranet according to HTTP.

REMARKS

Claims 1-12 are pending in this application. By this Amendment, claims 3, 4, 6-8, 10 and 12 are amended to correct the multiple dependencies thereof and to place this application into better condition for examination. No new matter has been added.

In the event that there are any fees due with respect to the filing of this paper, please charge Deposit Account No. 01-2300.

Respectfully submitted,

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DHG:scc
Enclosure: Marked-up Copy of Amended Claims

3. (Amended) The spreadsheet Web server system according to claim 1 [or 2], wherein when receiving a request for generation, modification, or deletion of cell data from the client means the spreadsheet assisting means judges whether the primary key value that was sent to the client means coincides with the primary key value that has been received from the client means, and wherein the spreadsheet assisting means causes the database means to generate, modify, or delete a record designated by the primary key value according to the request from the client means if they coincide with each other, and does not cause the database means to generate, modify, or delete the record if they do not coincide with each other.

4. (Amended) The spreadsheet Web server system according to [any one of claims 1 to 3] claim 1, wherein the cell data group of each of the tables held by the database means has cell data ,as parent data, displayed in at least one cell of a corresponding table frame , and has the parent data only, or the parent data and at least one child data that is linked to the parent data.

6. (Amended) The spreadsheet Web server system according to [any one of claims 1 to 5] claim 1, wherein the database means can combine a plurality of tables having the same column item at different column positions.

7. (Amended) The spreadsheet Web server system according to [any one of claims 1 to 6] claim 1, wherein the spreadsheet assisting means has a sequence of commands for processing a request from the client means, the commands being executed sequentially.

8. (Amended) The spreadsheet Web server system according to [any one of claims 1 to 6] claim 1, wherein the spreadsheet assisting means has objects for processing a request from the client means, and wherein a request from the client means is processed by one object or processed by a plurality of objects in such a manner that a transition is made from one object to another.

10. (Amended) The spreadsheet Web server system according to claim 8 [or 9], wherein the objects are provided for the respective table frames.

12. (Amended) A spreadsheet Web system comprising:

the spreadsheet Web server system according to [any one of claims 1 to 10] claim 1; and

client means that performs data communication with the Web server means over the Internet or the intranet according to HTTP.